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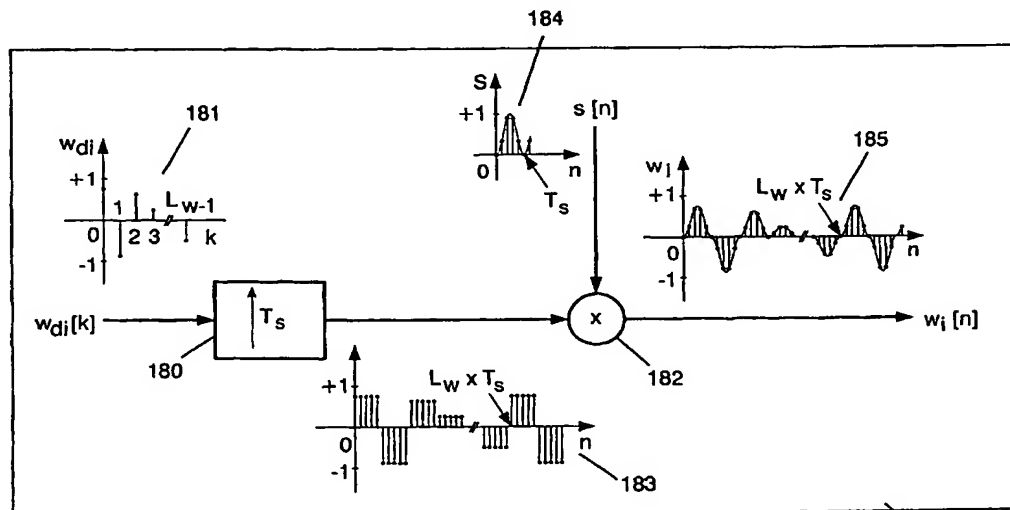
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(54) Title: **TIME DOMAIN WATERMARKING OF MULTIMEDIA SIGNALS**



(57) Abstract: A method of generating a watermark signal, embedding the watermark signal within a multimedia signal, and subsequently detecting the watermark signal is described. The watermark signal is the sum of two sequences of values, the second sequence of values being a circularly shifted version of the first sequence.

# INTERNATIONAL SEARCH REPORT

PCT/IB 03/00785

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G11B20/00 G10L19/02

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G11B G10L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

INSPEC, EPO-Internal, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	VEEN VAN DER M ET AL: "ROBUST, MULTI-FUNCTIONAL AND HIGH-QUALITY AUDIO WATERMARKING TECHNOLOGY" PREPRINTS OF PAPERS PRESENTED AT THE AES CONVENTION, XX, XX, vol. 110, no. 5345, 12 May 2001 (2001-05-12), pages 1-9, XP001086463 the whole document	1, 10, 11, 13-15, 18-24, 26-31
T	LEMMA A N ET AL: "A temporal domain watermarking technique" IEEE TRANSACTIONS ON SIGNAL PROCESSING, APRIL 2003, IEEE, USA, vol. 51, no. 4, pages 1088-1097, XP002242882 ISSN: 1053-587X the whole document	1-31

☐ Further documents are listed in the continuation of box C.

☐ Patent family members are listed in annex.

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Date of the actual completion of the international search

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